

#### ABSTRACT OF THE DISCLOSURE

A removable filter for capturing thrombi in a blood vessel. The filter comprises a plurality of primary struts having first ends connected to each other to define a central axis of the filter. Each primary strut has a curved member extending from the central axis and terminates at an anchoring hook to engage the blood vessel at a first axial plane. The filter further comprises a plurality of secondary struts connected to the curved members of the primary struts and extending therefrom to a free end at a second axial plane to centralize the filter in the blood vessel.